

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference K00837WO.8P	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/EP2005/000487	International filing date (day/month/year) 19/01/2005	(Earliest) Priority Date (day/month/year) 24/01/2004
Applicant EASTMAN KODAK COMPANY		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

METHOD FOR ADJUSTING A FUSING DEVICE OF A DIGITAL PRINTING MACHINE BY
DETERMINING THE HUMIDITY OF PRINTING MATERIAL AND MEASURING DEVICE TO DETECT
THE REFLECTANCE OF MICROWAVE SIGNALS AT A PRINT MATERIAL

5. With regard to the **abstract**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 1

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

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International application No.

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Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

It is an object of the present invention to provide a high-quality printed image in a printing machine. To achieve this, a method for adjusting a fusing device 100 of a digital printing machine has been provided, in which case microwave signals of a specific frequency or frequency range are directed at a printing material 5, a change between the microwave signals reflected by the printing material and the emitted microwave signals is detected, and in which case the fusing device is adjusted based on the change between said microwave signals. Furthermore, a measuring device 20 for a printing machine is provided, said device preferably being used for carrying out the said method, whereby the measuring device is configured so as to detect a change between a microwave signal reflected by the printing material 5 and a microwave signal directed at said printing material.

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G03G15/20 G03G15/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G03G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/088799 A1 (BEHNKE KNUT ET AL) 11 July 2002 (2002-07-11) '0008!', '0010!'-'0017!' figures 3-6; examples 1-3	1-3,5-8
X	US 4 542 980 A (TAJIMA ET AL) 24 September 1985 (1985-09-24)	1
A	column 1, line 63 - column 2, line 36; figures 5-18	2-10
X	EP 1 211 504 A (NEOCERA, INC) 5 June 2002 (2002-06-05)	7,8
A	'0036! column 6, lines 8-29; figures 1-10	1-6
A	US 2002/122681 A1 (ROHDE DOMINGO) 5 September 2002 (2002-09-05) '0001!'-'0016!' tables 1-4	1-10
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

14 April 2005

Date of mailing of the international search report

29/04/2005

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International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 511 778 A (TAKAHASHI ET AL) 16 April 1985 (1985-04-16) column 1, lines 58-68; figures 1,2,3A-11C -----	1-10
A	US 2002/136574 A1 (BARTSCHER GERHARD ET AL) 26 September 2002 (2002-09-26) '0003!-'0008!, '0034!, '0042!-'0045! figures 1-7 -----	1-10

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/000487

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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